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| Application Number | 10/583,688 |
| Filing Date | June 20, 2006 |
| First Named Inventor | Hyung-Jun KIM |
| Art Unit | 1762 |
| Examiner Name | |
| Attorney Docket Number | 1455-061789 |

ENCLOSURES (Check all that apply)

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 Fee Attached
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 Affidavits/declaration(s)
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| | |
|-------------------------------|--------------------------------------|
| Firm or Individual name | Kent E. Baldauf The Webb Law Firm |
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| Date | April 25, 2007 |
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| Date | 04-25-2007 |
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This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. This time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Appl. No. 10/583,688
 IDS dated April 25, 2007
 Attorney Docket No. 1455-061789


UNITED STATES PATENT AND TRADEMARK OFFICE
 Appl. No. : 10/583,688 Confirmation No. 4502
 Applicants : Hyung-Jun KIM et al.
 Filed : June 20, 2006
 Title : Cold Spray Apparatus Having Powder Preheating Device
 Art Unit : 1762
 Examiner :
 Customer No. : 28289

**INFORMATION DISCLOSURE STATEMENT
 TRANSMITTED BEFORE MAILING OF FIRST OFFICE ACTION**

MAIL STOP AMENDMENT
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. §§1.56, 1.97 and 1.98, Applicants hereby submit this Information Disclosure Statement together with a completed Form PTO/SB/08a.

This application is the United States national phase of PCT Application No. PCT/KR2002/003395. The International Search Report dated April 11, 2005, for the underlying PCT application identified two United States references and two Korean references. KR 99-007365 is equivalent to U.S. Patent No. 6,110,544; and KR 10-0245,231 is equivalent to U.S. Patent No. 5,855,965. The two Korean references and four U.S. references are listed on Form PTO/SB/08a. Copies of the foreign references are being submitted with this Information Disclosure Statement as well as a copy of the International Search Report. The degree of relevance for these references is indicated in the International Search Report.

The remaining references are cited on pages 2 and 3 of the instant specification.

U.S. Patent Application Publication No. US 2001/0042508 cited in the specification has now issued as U.S. Patent No. 6,502,767.

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Diane Paull
 (Name of Person Mailing Document)

(W0297367.1)

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| <i>Diane Paull</i> Signature | 04/25/2007 Date |
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Appl. No. 10/583,688
IDS dated April 25, 2007
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U.S. Patent Application Publication No. US 2002/0033135 has issued as U.S.
Patent No. 6,722,584.

U.S. Patent Application Publication No. US 2002/0102360 has issued as U.S.
Patent No. 6,444,259.

U.S. Patent Application Publication No. US 2002/0182311 has issued as U.S.
Patent No. 6,592,935

U.S. Patent Application Publication No. US 2002/0182313 has issued as U.S.
Patent No. 6,773,763.

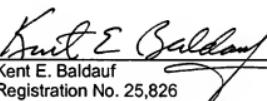
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Respectfully submitted,

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By



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Diane Paul

(Name of Person Mailing Document)

Diane Paul

Signature

04/25/2007

Date

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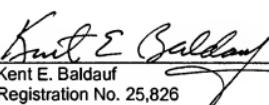
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By _____



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U.S. PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Document Number | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|--------------------|-----------------------|--|--------------------------------|--|--|
| | | Number - Kind Code ² (if known) | | | |
| | | US- 6,464,933 B1 | 10-15-2002 | Popoola et al. | |
| | | US- 5,459,811 A | 10-17-1995 | Giovan et al. | |
| | | US- 6,110,544 B1 | 08-29-2000 | Yang et al. | |
| | | US- 5,855,965 | 01-05-1999 | Molerus et al. | |
| | | US- 6,365,222 B1 | 04-02-2002 | Wagner et al. | |
| | | US- 6,491,208 B2 | 12-10-2002 | James et al. | |
| | | US- 6,139,913 B1 | 10-31-2000 | Van Steenkiste et al. | |
| | | US- 6,283,386 B1 | 09-04-2001 | Van Steenkiste et al. | |
| | | US- 6,502,767 B2 | 01-07-2003 | Kay et al. | |
| | | US- 6,722,584 B2 | 04-20-2004 | Kay et al. | |
| | | US- 2002/0073982A1 | 06-20-2002 | Shaikh et al. | |
| | | US- 6,444,259 B1 | 09-03-2002 | Subramanian et al. | |
| | | US- 6,592,935 B2 | 07-15-2003 | Leonardi et al. | |
| | | US- 6,773,763 B2 | 08-10-2004 | Leonardi et al. | |
| | | US- 2002/0182314A1 | 12-05-2002 | Leonardi et al. | |

FOREIGN PATENT DOCUMENTS

| | | | |
|-----------------------|----------------------|--------------------|------------|
| Examiner Signature | /Yewebdar T Tadesse/ | Date Considered | 12/19/2008 |
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